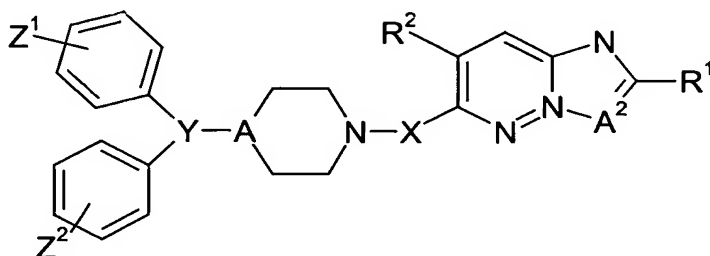


WHAT IS CLAIMED IS:

1. A method for the treatment of dry eye and other disorders requiring the wetting of the eye which comprises topically administering to the eye of a mammal a composition comprising a pharmaceutically acceptable carrier and a pharmaceutically effective amount of a compound formula (I)



(I)

wherein:

Z¹, Z² independently = H, F, Br, Cl, F, or C₁₋₃ alkyl;

Y = CH-(CH₂)_n or CH-O;

n = 0-3;

A = CH or N, provided that when Y = CH-O then A = CH;

A² = CH or N;

X = (CH₂)_{n'}Y² or (CH₂)_{n'}Y³(CH₂)_{n''}Y²;

X² = H, OR⁵, C₁₋₆ alkyl, C(O)OR⁶, or C(O)N(R⁷)H;

n' = 2-6;

n'' = 2-4;

Y² = O, S, or NH

Y³ = O or S;

R¹ = H, or (C(R³)(R⁴))X²; and

R², R³, R⁴, R⁵, R⁶, R⁷ independently = H or C₁₋₆ alkyl.

2. The method of Claim 1 wherein

$Z^1, Z^2 = H$;

$Y = CH-O$;

$A = CH$;

$X = (CH_2)_n Y^2$;

$X^2 = H$ or $C(O)OR^6$;

$n' = 2-4$;

$Y^2 = O$ or NH ; and

R^2, R^3, R^4, R^6 independently = H or C_{1-4} alkyl.

3. The method of Claim 2 wherein

$A^2 = CH$;

$R^1 = (C(R^3)(R^4))X^2$

R^2, R^6 independently = H or C_{1-4} alkyl; and

R^3, R^4 independently = H or methyl.

4. The method of Claim 1 wherein the compound of formula (I) is selected from the group consisting of

6-[3-[4-(diphenylmethoxy)piperidino]propylamino][1,2,4]triazolol[1,5,b]-pyridazine;

6-[3-[4-(diphenylmethoxy)piperidino]propylamino]-2-methyl[1,2,4]-triazolo[1,5,b]pyridazine;

2-[6-[3-[4-(diphenylmethoxy)piperidino]propylamino]imidazo[1,2,b]-pyridazin-2-yl]-2-methylpropionic acid;

2-[6-[3-[4-(diphenylmethoxy)piperidino]propylamino]imidazo[1,2,b]-pyridazin-2-yl]-2-methylpropionic acid dihydrate; and

2-[6-[3-[4-(diphenylmethoxy)piperidino]propoxy]imidazo[1,2,b]pyridazin-2-yl]-2-methylpropionic acid.

5. The method of Claim 1 wherein the pharmaceutically effective amount of the compound of formula (I) in the composition is 0.001 – 1.0% (w/w).

5

6. The method of Claim 1 wherein the dry eye and other disorders requiring the wetting of the eye is symptoms of dry eye associated with refractive surgery.

10

15